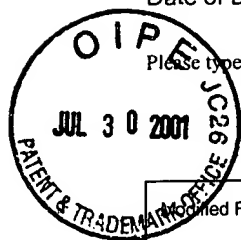


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/804,014
	Filing Date	3/12/01
	First Named Inventor	Padigaru, et al.
	Group Art Unit	1645
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	15966-721

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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
DS	B1	WO	00/58473*	CuraGen Corporation	10/5/00		
DS	B2	WO	94/12534	University of Cincinnati	6/4/94		

* Excerpted from the Sequence Listing in this PCT: Seq ID Numbers 1303 & 1034

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
DS	C1	Abrahamson, M. (1988). "Human cysteine proteinase inhibitors. Isolation, physiological importance, inhibitory mechanism, gene structure and relation to hereditary cerebral hemorrhage." <u>Scand J Clin Lab Invest Suppl</u> 191: 21-31.
DS	C2	Adelman, J. P., C. T. Bond, et al. (1995). "Episodic ataxia results from voltage-dependent potassium channels with altered functions." <u>Neuron</u> 15(6): 1449-54.
DS	C3	Albrecht, B., K. Weber, et al. (1995). "Characterization of a voltage-activated K-channel gene cluster on human chromosome 12p13." <u>Receptors Channels</u> 3(3): 213-20.
DS	C4	Barrett, A. J., M. E. Davies, et al. (1984). "The place of human gamma-trace (cystatin C) amongst the cysteine proteinase inhibitors." <u>Biochem Biophys Res Commun</u> 120(2): 631-6.
DS	C5	Bashir, et al., 1997 "Molecular cloning and characterization of the bovine tuftelin gene." <u>Arch. Oral Biol.</u> 42:489-496. GenBank Accession Number: O97683
DS	C6	Bashir, M. M., W. R. Abrams, et al. (1997). "Molecular cloning and characterization of the bovine tuftelin gene." <u>Arch Oral Biol</u> 42(7): 489-96.
DS	C7	Brandt, T. and M. Strupp (1997). "Episodic ataxia type 1 and 2 (familial periodic ataxia/vertigo)." <u>Audiol Neurotol</u> 2(6): 373-83.
DS	C8	Browne, D. L., S. T. Gancher, et al. (1994). "Episodic ataxia/myokymia syndrome is associated with point mutations in the human potassium channel gene, KCNA1." <u>Nat Genet</u> 8(2): 136-40.
DS	C9	Chandy, K. G., C. B. Williams, et al. (1990). "A family of three mouse potassium channel genes with intronless coding regions." <u>Science</u> 247(4945): 973-5.
DS	C10	Cole, et al., 1989 "The cDNA structure and expression analysis of the genes for the cysteine proteinase inhibitor cystatin C and for beta 2-microglobulin in rat brain." <u>Eur. J. Biochem.</u> 186 (1-2), 35-42. GenBank Accession Number: P14841
DS	C11	Curran, M. E., G. M. Landes, et al. (1992). "Molecular cloning, characterization, and genomic localization of a human potassium channel gene." <u>Genomics</u> 12(4): 729-37.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
DS	C12	Dalmau, et al., 1997 "antigen recognized by serum of patients with paraneoplastic neurologic disorders." Direct Submission. GenBank Accession Number: O95145
DS	C13	Dalmau, et al., 1999 "Ma1, a novel neuron- and testis-specific protein, is recognized by the serum of patients with paraneoplastic neurological disorders." Brain 122:27-39. GenBank Accession Number: O95144
DS	C14	Deutsch, D., L. Dafni, et al. (1997). "Tuftelin: enamel mineralization and amelogenesis imperfecta." Ciba Found Symp 205: 135-47.
DS	C15	DOE Joint Genome Institute. 1999 Direct Submission. GenBank Accession Number: AC008687
DS	C16	Eichmuller, et al., 2001 "Serological detection of cutaneous T-cell lymphoma-associated Antigens." Proc. Natl. Acad. Sci. U.S.A. 98 (2), 629-634. GenBank Accession Number: AF273051
DS	C17	Exposito, et al., "Sea urchin collagen evolutionarily homologous to vertebrate pro-alpha 2(I) collagen." J. Biol. Chem. 267:15559-15562. GenBank Accession Number: Q26634
DS	C18	Freije, et al., 1991 "Structure and expression of the gene encoding cystatin D, a novel human cysteine proteinase inhibitor." J. Biol. Chem. 266 (30), 20538-20543. GenBank Accession Number: P28325
DS	C19	Grubb, A. and H. Lofberg (1982). "Human gamma-trace, a basic microprotein: amino acid sequence and presence in the adenohypophysis." Proc Natl Acad Sci U S A 79(9): 3024-7.
DS	C20	Kalman, et al., 1998 "Genomic organization, chromosomal localization, tissue distribution, and biophysical characterization of a novel mammalian Shaker-related voltage-gated potassium channel, Kv1.7." J. Biol. Chem. 273 (10), 5851-5857. GenBank Accession Number: AAC23664
DS	C21	Kingma, P. B., D. Bok, et al. (1998). "Bovine epidermal fatty acid-binding protein: determination of ligand specificity and cellular localization in retina and testis." Biochemistry 37(10): 3250-7.
DS	C22	Klocke, R., S. L. Roberds, et al. (1993). "Chromosomal mapping in the mouse of eight K(+)-channel genes representing the four Shaker-like subfamilies Shaker, Shab, Shaw, and Shal." Genomics 18(3): 568-74.
DS	C23	Krieg, 1993 "Tumor-specific overexpression of a novel keratinocyte lipid-binding protein. Identification and characterization of a cloned sequence activated during multistage carcinogenesis in mouse skin." J. Biol. Chem. 268 (23), 17362-17369. GenBank Accession Number: Q05816
DS	C24	Madsen, 1992 "Molecular cloning and expression of a novel keratinocyte protein (psoriasis-associated fatty acid-binding protein [PA-FABP]) that is highly up-regulated in psoriatic skin and that shares similarity to fatty acid-binding proteins." J. Invest. Dermatol. 99 (3), 299-305. GenBank Accession Number: M94856
DS	C25	Madsen, et al., 1992 "Molecular cloning and expression of a novel keratinocyte protein (psoriasis-associated fatty acid-binding protein [PA-FABP]) that is highly up-regulated in psoriatic skin and that shares similarity to fatty acid-binding proteins." J. Invest. Dermatol. 99 (3), 299-305. GenBank Accession Number: Q01469
DS	C26	Madsen, P., H. H. Rasmussen, et al. (1992). "Molecular cloning and expression of a novel keratinocyte protein (psoriasis-associated fatty acid-binding protein [PA-FABP]) that is highly up-regulated in psoriatic skin and that shares similarity to fatty acid-binding proteins." J Invest Dermatol 99(3): 299-305.
DS	C27	Masouye, I., J. H. Saurat, et al. (1996). "Epidermal fatty-acid-binding protein in psoriasis, basal and squamous cell carcinomas: an immunohistological study." Dermatology 192(3): 208-13.


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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
DS	C28	Muzny, et al., 1999 Direct Submission. GenBank Accession Number: AC005924
DS	C29	Online Mendelian Inheritance in Man (OMIM): 123856 (Downloaded 6/13/01)
DS	C30	Online Mendelian Inheritance in Man (OMIM): 123857 (Downloaded 6/13/01)
DS	C31	Online Mendelian Inheritance in Man (OMIM): 123858 (Downloaded 6/13/01)
DS	C32	Online Mendelian Inheritance in Man (OMIM): 134640 (Downloaded 6/13/01)
DS	C33	Online Mendelian Inheritance in Man (OMIM): 134650 (Downloaded 6/13/01)
DS	C34	Online Mendelian Inheritance in Man (OMIM): 134651 (Downloaded 6/13/01)
DS	C35	Online Mendelian Inheritance in Man (OMIM): 184600 (Downloaded 6/13/01)
DS	C36	Online Mendelian Inheritance in Man (OMIM): 228960 (Downloaded 6/13/01)
DS	C37	Online Mendelian Inheritance in Man (OMIM): 600434 (Downloaded 6/13/01)
DS	C38	Online Mendelian Inheritance in Man (OMIM): 604312 (Downloaded 6/13/01)
DS	C39	Philipson, 1991 "Sequence and functional expression in Xenopus oocytes of a human insulinoma and islet potassium channel." Proc. Natl. Acad. Sci. U.S.A. 88 (1), 53-57. GenBank Accession Number: P22001
DS	C40	Sage, H. (1982). "Collagens of basement membranes." <u>J Invest Dermatol</u> 79 Suppl 1: 51s-59s. ABSTRACT ONLY
DS	C41	Saitoh, E., L. M. Sabatini, et al. (1989). "The human cystatin C gene (CST3) is a member of the cystatin gene family which is localized on chromosome 20." <u>Biochem Biophys Res Commun</u> 162(3): 1324-31.
DS	C42	Shi, G. P., G. K. Sukhova, et al. (1999). "Cystatin C deficiency in human atherosclerosis and aortic aneurysms." <u>J Clin Invest</u> 104(9): 1191-7.
DS	C43	Simon, et al., 1997 "Deregulation of the platelet-derived growth factor B-chain gene via fusion with collagen gene COL1A1 in dermatofibrosarcoma protuberans and giant-cell fibroblastoma." <u>Nat. Genet.</u> 15 (1), 95-98. GenBank Accession Number: CAA67261
DS	C44	Voltz, R., S. H. Gultekin, et al. (1999). "A serologic marker of paraneoplastic limbic and brain-stem encephalitis in patients with testicular cancer." <u>N Engl J Med</u> 340(23): 1788-95.
DS	C45	Wen, et al., 1995 "Lens epithelial cell mRNA, II. Expression of a mRNA encoding a lipid-binding protein in rat lens epithelial cells." <u>Gene</u> 158 (2), 269-274. GenBank Accession Number: P55053

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	3/24/03
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